
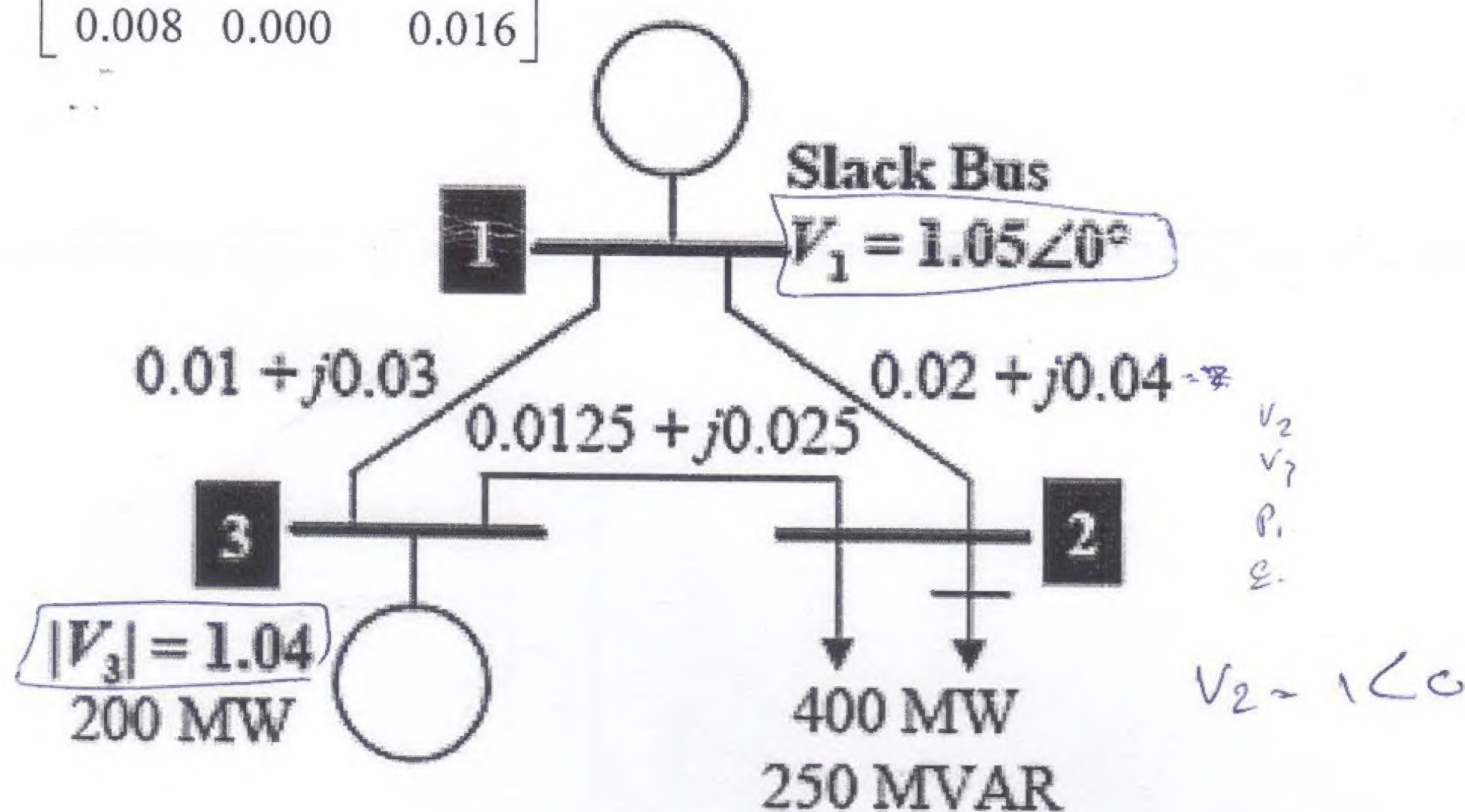


بسم الله الرحمن الرحيم			
Specialization	Electrical Engineering		السلطة الوطنية الفلسطينية وزارة التربية والتعليم العالي MINISTRY OF EDUCATION & HIGHER EDUCATION جامعة فلسطين التقنية "خضوري"
Course Name :	Power System I I		First Exam 2011\2012 First Semester
Date :	02 \12\2012		
Time :	50 min		
Name :		Section :	

1. Using the Newton-Raphson method to find the power flow solution

If the $J^{-1} = \begin{bmatrix} 0.023 & 0.013 & -0.007 \\ 0.014 & 0.022 & 0.000 \\ 0.008 & 0.000 & 0.016 \end{bmatrix}$



(14 pts)

2. Mention the methods, which can be used to correct the power factor and decrease the voltage drop into the system, with explaining?

(6 pts)

GOOD LUCK

Ins.
Dr. Samer Alsadi